

# **DATA-DRIVEN PREVENTION INITIATIVE (DDPI) FOR HEROIN AND OPIOID ABUSE/OVERDOSE**

**Stakeholder Workgroup Meeting**

Marriott Prattville Hotel & Conference Center  
Prattville, AL  
April 28, 2017

**Preserving and Protecting the Public's Health**



# 2016 Top 6 Alabama Counties Naloxone Given by EMS

Prepared by Augustine Amenyah, ADPH, Office of EMS

County	2016 Population by County	Naloxone Given by EMT	Administration Per 10,000 Population
Chilton County, Alabama	43,941	103	23
Etowah County, Alabama	102,564	225	22
Jackson County, Alabama	52,138	109	21
Jefferson County, Alabama	659,521	1,783	27
Randolph County, Alabama	22,652	46	20
Walker County, Alabama	64,967	189	29
STATEWIDE TOTAL	4,863,300	5,368	11



Preserving and Protecting the Public's Health

# TOP 20 ALABAMA COUNTIES WITH DRUG OD DEATHS OF RESIDENTS IN 2015

Prepared by XJ Shen, ADPH, Center for Health Statistics

County_Name	Total	2013	2014	2015	Population	Deaths by 10K Pop
State	2383	972	685	726	4,858,979	1.49
SHELBY	107	29	37	41	87,074	4.71
CLEBURNE	10	1	4	5	15,018	3.33
LOWNDES	3	0	0	3	10,458	2.87
DEKALB	45	23	3	19	71,130	2.67
MARSHALL	61	16	21	24	94,725	2.53
JEFFERSON	432	95	174	163	660,367	2.47
ESCAMBIA	35	13	13	9	37,789	2.38
ETOWAH	61	21	18	22	103,057	2.13
BALDWIN	89	16	30	43	203,709	2.11
CHILTON	18	6	3	9	43,943	2.05
MORGAN	53	17	12	24	119,565	2.01
CULLMAN	55	16	23	16	82,005	1.95
CHEROKEE	11	3	3	5	25,859	1.93
BLOUNT	36	13	12	11	57,673	1.91
BULLOCK	3	0	1	2	10,696	1.87
WALKER	59	26	22	11	65,294	1.68
MOBILE	181	62	50	69	415,395	1.66
CALHOUN	45	7	19	19	115,620	1.64
CONECUH	5	2	1	2	12,672	1.58
FRANKLIN	22	10	7	5	31,696	1.58
<b>TOTAL OF TOP 20</b>	<b>1331</b>	<b>376</b>	<b>453</b>	<b>502</b>	<b>2,263,745</b>	



# DRUG POISONING (OVERDOSE) DEATHS

- Include deaths resulting from unintentional or intentional overdose of a drug, being given the wrong drug, taking a drug in error, or taking a drug inadvertently.
- ICD 10 codes - X40 - X44 (unintentional), X60 - X64 (suicide), X85 (homicide) and Y10 - Y14 (undetermined intent).
- Many deaths involved more than one drugs. A single death might be represented multiple times for each specific drug involved.
- Death Certificates often do not provide enough information to differentiate illicit drugs or prescription medicines.

Prepared by XJ Shen

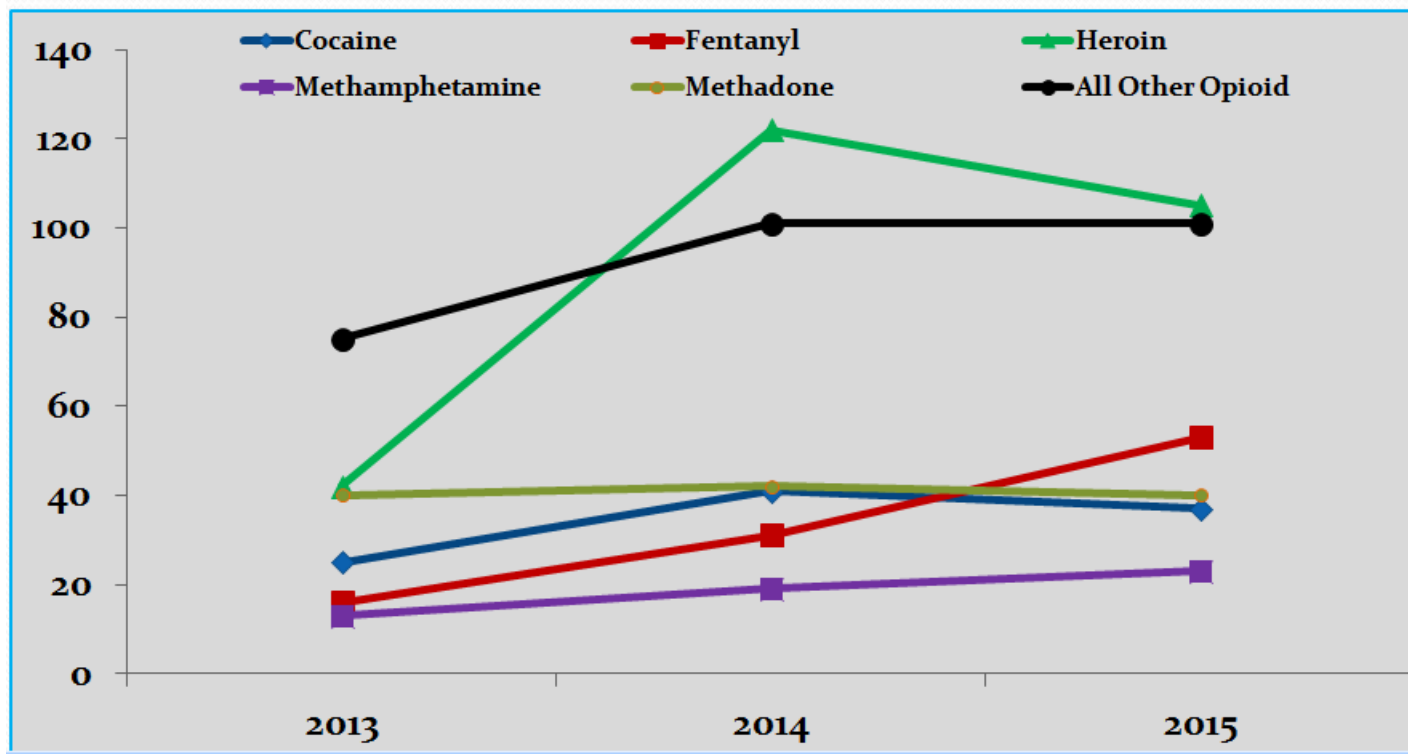


# TOP 10 DRUGS INVOLVED IN DRUG OVERDOSE DEATHS (AL 2013-2015)

Top 10	2013	2014	2015
1	HEROIN	HEROIN	HEROIN
2	METHADONE	METHADONE	FENTANYL
3	COCAINE	COCAINE	METHADONE
4	OXYCODONE	ALPRAZOLAM	COCAINE
5	ALPRAZOLAM	HYDROCODONE	OXYCODONE
6	HYDROCODONE	FENTANYL	HYDROCODONE
7	FENTANYL	OXYCODONE	METHAMPHETAMINE
8	MORPHINE	METHAMPHETAMINE	ALPRAZOLAM
9	OPIATE	MORPHINE	MORPHINE
10	METHAMPHETAMINE	OPIATE	DIAZEPAM

Prepared by XJ Shen

# DRUG INVOLVED DEATHS ALABAMA, 2013-2015



\* All Other Opioid deaths: excludes Heroin, Fentanyl and Methadone involved death.

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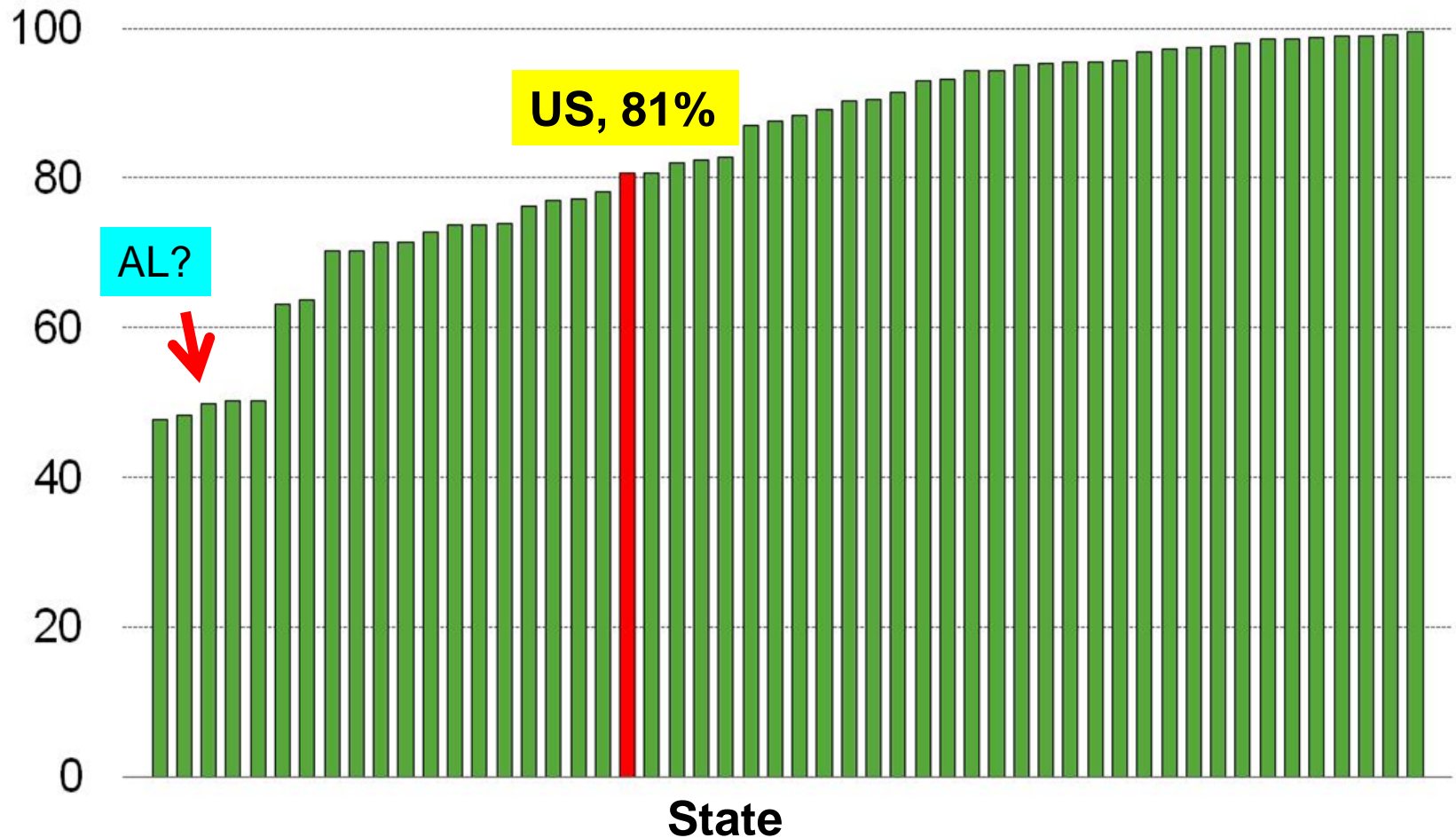
# SPECIFIC DRUG INFORMATION IS NEEDED

	2013	2014	2015
<b>Total Drug Involved Deaths</b>	<b>576</b>	<b>670</b>	<b>720</b>
<b>Total Unspecified Drug Deaths</b>	<b>352</b>	<b>343</b>	<b>366</b>
Unspecified Drug	129	129	126
Mixed Unspecified Drugs	185	184	197
Poly Pharmacy	38	30	43
Deaths with Specific Drug(s)	223	327	354
% of Deaths with Specific Drug(s) Information	38.7%	48.8%	49.2%

Prepared by XJ Shen



# PERCENT OF DRUG POISONING DEATHS WITH SPECIFIC DRUGS IDENTIFIED BY STATE, 2014





# 2016 DRUG RELATED DEATHS\*

Data on “Toxicology Performed” and “Findings Used” were collected along with “Autopsy Performed” and “findings Used”

Specific Drug Information	No	Yes	Total
Toxicology Finding Used	204	348	552
Toxicology was performed	219	355	574
Autopsy Finding Used	97	290	387
Autopsy was performed	100	291	391
Drug Related death	300	400	700

Prepared by XJ Shen